FOIL when $A \neq 1$ solution (version 13)

FOIL the expressions shown below:

1.
$$(-5x-7)(9x-2)$$

$$(-5)(9)x^{2} + (-5)(-2)x + (-7)(9)x + (-7)(-2)$$
$$(-45)x^{2} + (10)x + (-63)x + (14)$$
$$-45x^{2} - 53x + 14$$

2.
$$(9x+6)(-6x-4)$$

$$(9)(-6)x^{2} + (9)(-4)x + (6)(-6)x + (6)(-4)$$
$$(-54)x^{2} + (-36)x + (-36)x + (-24)$$
$$-54x^{2} - 72x - 24$$

3.
$$(-3x+8)(-3x+3)$$

$$(-3)(-3)x^{2} + (-3)(3)x + (8)(-3)x + (8)(3)$$
$$(9)x^{2} + (-9)x + (-24)x + (24)$$
$$9x^{2} - 33x + 24$$

4.
$$(6x+9)(9x+8)$$

$$(6)(9)x^{2} + (6)(8)x + (9)(9)x + (9)(8)$$
$$(54)x^{2} + (48)x + (81)x + (72)$$
$$54x^{2} + 129x + 72$$

5.
$$(-3x+6)(7x-2)$$

$$(-3)(7)x^{2} + (-3)(-2)x + (6)(7)x + (6)(-2)$$
$$(-21)x^{2} + (6)x + (42)x + (-12)$$
$$-21x^{2} + 48x - 12$$

FOIL the expressions shown below:

6.
$$(-5x-6)(7x+7)$$

$$(-5)(7)x^{2} + (-5)(7)x + (-6)(7)x + (-6)(7)$$
$$(-35)x^{2} + (-35)x + (-42)x + (-42)$$
$$-35x^{2} - 77x - 42$$

7.
$$(8x-7)(-4x-2)$$

$$(8)(-4)x^{2} + (8)(-2)x + (-7)(-4)x + (-7)(-2)$$
$$(-32)x^{2} + (-16)x + (28)x + (14)$$
$$-32x^{2} + 12x + 14$$

8.
$$(7x+7)(-4x+3)$$

$$(7)(-4)x^{2} + (7)(3)x + (7)(-4)x + (7)(3)$$
$$(-28)x^{2} + (21)x + (-28)x + (21)$$
$$-28x^{2} - 7x + 21$$

9.
$$(-9x+2)(-8x+7)$$

$$(-9)(-8)x^{2} + (-9)(7)x + (2)(-8)x + (2)(7)$$
$$(72)x^{2} + (-63)x + (-16)x + (14)$$
$$72x^{2} - 79x + 14$$

10.
$$(7x-8)(-7x-5)$$

$$(7)(-7)x^{2} + (7)(-5)x + (-8)(-7)x + (-8)(-5)$$
$$(-49)x^{2} + (-35)x + (56)x + (40)$$
$$-49x^{2} + 21x + 40$$